

View Online at <https://aerobasegroup.com/nsn/5962-01-369-9715>

**Body Length:**

Between 0.620 inches and 0.640 inches

**Body Width:**

Between 0.400 inches and 0.420 inches

**Body Height:**

Between 0.070 inches and 0.090 inches

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Weapon system processor

**Features Provided:**

3-state output and tested to mil-std-883 and fast carry and electrostatic sensitive and compatible rtl and compatible dtl

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Input Circuit Pattern:**

8 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

8 transceiver

**Case Outline Source And Designator:**

F-6 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital-advanced cmos interface logic

**Voltage Rating And Type Per Characteristic:**

4.5 volts total supply and 5.5 volts total supply

**Special Features:**

Esd; hci; item 61772/idt54fct543eb (which is 67268/5962-8973001ka) was tested and met the hci criteria; 8-bit octal latched transceiver, noninverting, with three-state outputs, ttl compatible

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

24 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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